



11TH INTERNATIONAL CONFERENCE AND EXHIBITION
DECEMBER 2023, BELGRADE, SERBIA

11TH INTERNATIONAL EXHIBITION

ON ARCHITECTURE - CHALLENGES IN DESIGN

EXHIBITION BOOK

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SUSTAINABLE URBAN SOCIETY ASSOCIATION

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Belgrade, Serbia
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PREFACE

At the beginning of the 21st century, faced with the challenges of climate change, depletion of resources, high environmental pollution, and hints at an uncertain future, we are questioning the various roles of architecture.

Whether technological development and the use of new concepts in design, the use of new materials in construction, the use of new tools in the creation of concepts can provide an answer, is the theme of the conference and exhibition "Challenges in Design".

The new concept of architectural objects and the use of materials in the isolation of objects and the concept of facade envelope are an inspiration and a challenge in creation. Is art a part or is it against the concept of an architectural work – art vs architecture. Whether architecture and new media and the use of virtual and augmented reality can be tools in architectural design is the question of the position of architecture in the digital era – from parametric design to VR and AI, as tools in design. In addition to new buildings in the transformation of the city and the change in the structure of activities, there are many huge abandoned industrial buildings, which refers to the topic of reconstruction – reworking of the city and architecture – reworking of architecture and the city – reuse of abandoned buildings and places.

That is why it is particularly interesting how cities will be organized in future development, how to improve the quality of work and life, and how architecture can help through the organization of space, materialization. In particular, the further improvement of information technology, which have made an outstanding contribution, enabling the holding of study programs in the faculties, as well as the holding of conferences and meetings.

DESIGN CHALLENGES MACRO AND MICRO SCALE

- Challenges in Architecture, Urban Design and Art
- Modeling the Future – modeling of the future architecture and design with implications for environment and society,
- Living architecture

- Urban Design Projects – small scale design thinking and town planning as an inspiration for integrative planning,
- Showcase Presentations – new idea or project realization in Architecture, Urban Design or Art

Katarina Lončarević

RECONSTRUCTION AND ADAPTATION OF PRIVATE APARTMENT

The conceptual design of the private flat is formed on challenging scattered form that was proposition at the beginning of the forming project. Living room with opened kitchen and dining area with toilet and pantry divide two sleeping zones with belonging bathrooms. The task was that the living area with all its components become one homogenous form with discrete accents on segments of the kitchen and living area with an artificial fireplace. The whole expression of the flat is built on a noninvasive selection of sleek materials and basic form in order to gain a flowing look of the interior and satisfy the basic needs of investors.

Location: Vračar, Belgrade, Serbia



Dejan Todorović, Milena Kordić

MIRRORING DECOMPOSABILITY: THE TOILET AT THE FACULTY OF ARCHITECTURE

Architecture students spend much of their day in the faculty building, where spaces and facilities shape their perception of the world and their profession. This assignment reimagines the restroom, a seemingly ordinary space, delving into its broader context. Surprisingly, the restroom carries rich implied meanings, serving as a compact yet essential arena where tactile sensations and efficient installations create a ritualistic experience. Beyond its utility, this space reveals intricate dimensions, reflecting light and air to explore societal norms and architectural themes. Even the most mundane spaces can become canvases for broader exploration in architecture and society.



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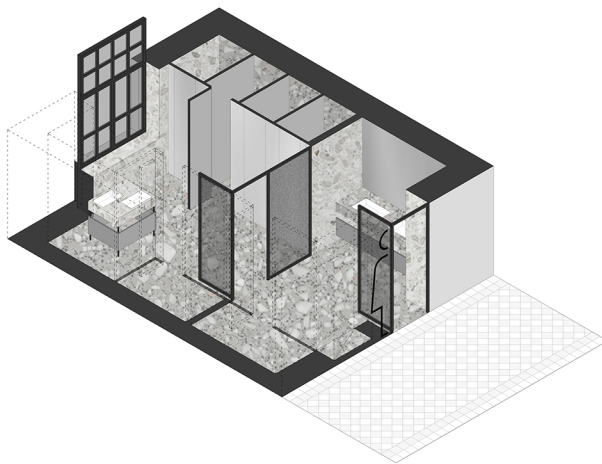


MIRRORING DECOMPOSABILITY:
The Toilet at the Faculty of Architecture

Architecture students spend a significant portion of their day within the confines of the faculty building. Consequently, the spaces and facilities within the faculty become more than just physical surroundings; they become integral to how a student perceives the world and, by extension, their chosen profession.

The assignment at hand was to reimagine an ostensibly ordinary and utilitarian space — the restroom — and explore its connection to its broader environment. Surprisingly, the restroom can carry a greater depth of implied meanings than nearly any other space. It stands as a compact yet vital arena, where the convergence of tactile sensations and the efficiency of installations orchestrates a ritualistic experience. Beyond its conventional utility, this space reveals nuanced and intricate dimensions.

The deliberate materialization of elements within this space, offering reflections and refractions of light and air, introduces a spectrum of social and technical implications that are entwined with various purposes, norms, cultures, and systems. In this way, even the most seemingly mundane of spaces can serve as a canvas for the exploration of broader architectural and societal themes.



University of Belgrade - Faculty of Architecture 2022
 MArch Dejan Todorović, PhD Milena Kordić, architect

